

FIGURE 9

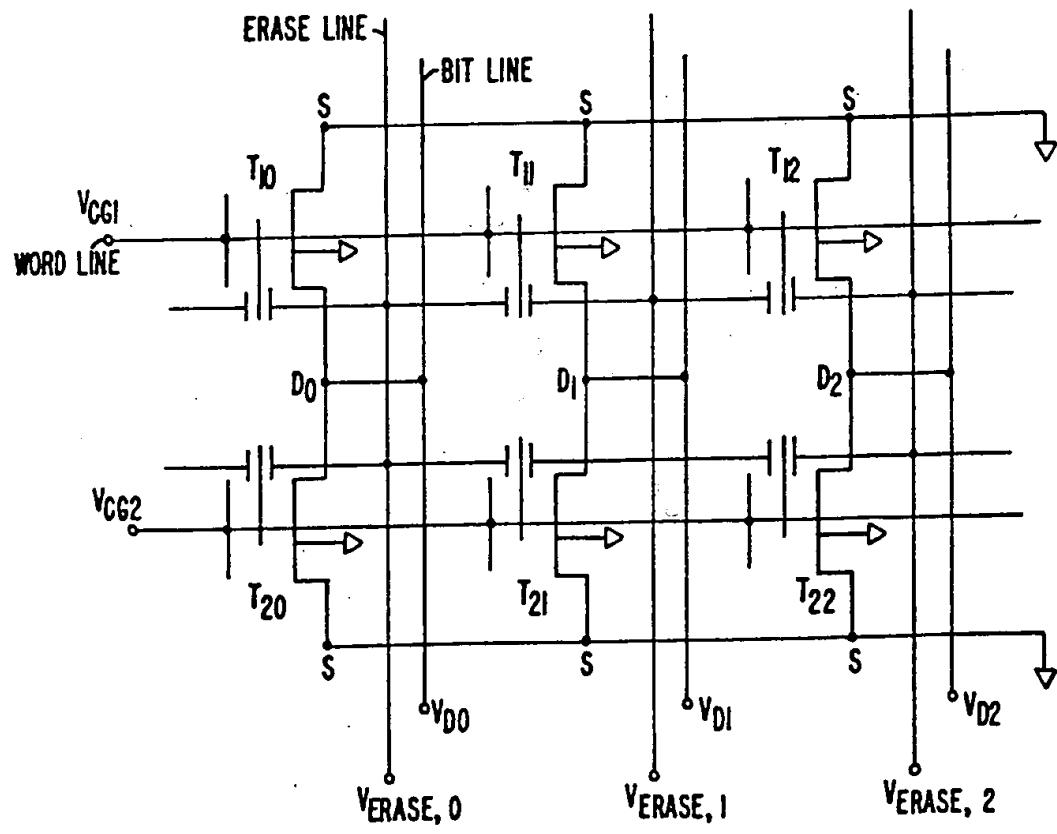


FIGURE 10

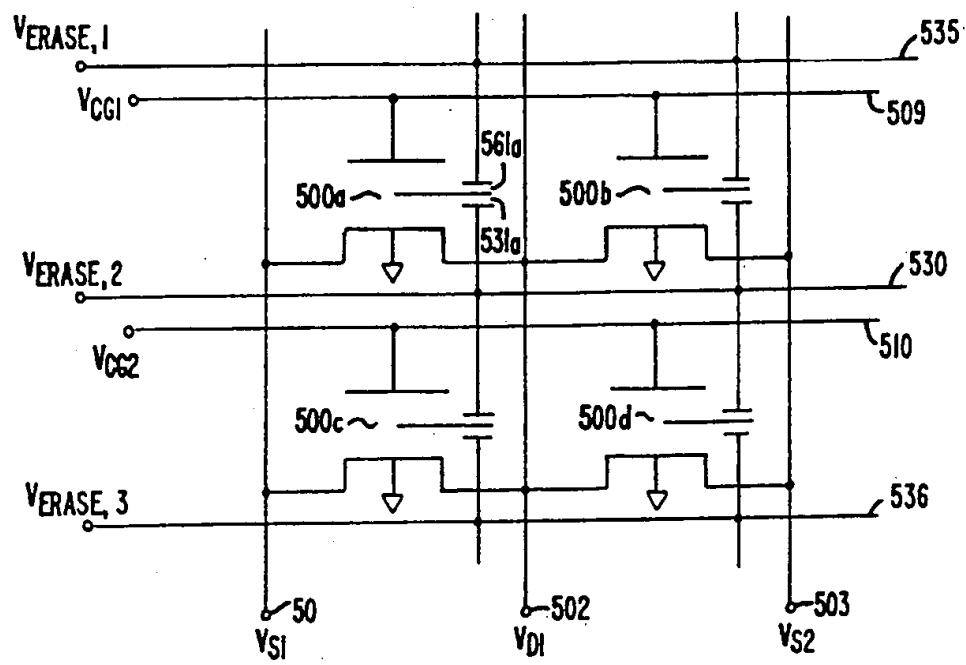


FIGURE 11

TABLE I. ARRAY OF FIGURE 10

| V_{CG} | V_D | | S | | V_{ERASE} | |
|----------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|
| | UNSEL. CELL | | UNSEL. CELL | | UNSEL. CELL | |
| | SEL. CELL SAME ROW | SEL. CELL SAME COL. | SEL. CELL SAME ROW | SEL. CELL SAME COL. | SEL. CELL SAME ROW | SEL. CELL SAME COL. |
| READ | 5V | 5V | 0V | 1.5V | 0V | 0V |
| ERASE | 0V | 0V | 0V | 0V | 0V | 20V (BLOCK ERASE) |
| PROGRAM | 12V | 12V | 0V | 8V | 0V | 0V |

FIGURE 12



TABLE II. VIRTUAL GROUND ARRAY OF FIGURE 11

| V_{CG} | V_D | | S | | VERASE | |
|-----------------------------|--------------------------------|-----------------------------|--------------------------------|-----------------------------|--------------------------------|-----------------------------|
| SEL. CELL SAME ROW | UNSEL. CELL SAME COL. | SEL. CELL SAME ROW | UNSEL. CELL SAME COL. | SEL. CELL SAME ROW | UNSEL. CELL SAME COL. | SEL. CELL SAME ROW |
| | | | | | | |
| READ | 5V | 5V | 0V | 1.5V | 1.5V | 0V |
| ERASE | 0V | 0V | 0V | 0V | 0V | 0V |
| PROGRAM | 12V | 12V | 0V | 8V | FLOAT | 8V |

FIGURE 13